Zhidong Liu

List of Publications by Year in descending order

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62 papers	2,151 citations	201674 27 h-index	243625 44 g-index
62 all docs	62 docs citations	62 times ranked	2742 citing authors

#	Article	IF	Citations
1	Chlorogenic acid: Potential source of natural drugs for the therapeutics of fibrosis and cancer. Translational Oncology, 2022, 15, 101294.	3.7	44
2	Salvianolic acid B dry powder inhaler for the treatment of idiopathic pulmonary fibrosis. Asian Journal of Pharmaceutical Sciences, 2022, 17, 447-461.	9.1	10
3	Baicalin-berberine complex nanocrystals orally promote the co-absorption of two components. Drug Delivery and Translational Research, 2022, 12, 3017-3028.	5.8	4
4	Effects of Berberine on Liver Cancer. Natural Product Communications, 2022, 17, 1934578X2211020.	0.5	1
5	Traditional Chinese medicine combined with pulmonary drug delivery system and idiopathic pulmonary fibrosis: Rationale and therapeutic potential. Biomedicine and Pharmacotherapy, 2021, 133, 111072.	5.6	77
6	Enhanced Anticancer Efficacy of Dual Drug-Loaded Self-Assembled Nanostructured Lipid Carriers Mediated by pH-Responsive Folic Acid and Human-Derived Cell Penetrating Peptide dNP2. Pharmaceutics, 2021, 13, 600.	4.5	11
7	Danggui-Shaoyao-San Improves Gut Microbia Dysbiosis and Hepatic Lipid Homeostasis in Fructose-Fed Rats. Frontiers in Pharmacology, 2021, 12, 671708.	3.5	14
8	Natural medicine combined with nanobased topical delivery systems: a new strategy to treat psoriasis. Drug Delivery and Translational Research, 2021, , 1.	5.8	4
9	Combination of cell-penetrating peptides with nanomaterials for the potential therapeutics of central nervous system disorders: a review. Journal of Nanobiotechnology, 2021, 19, 255.	9.1	33
10	Development and evaluation studies of Corylin loaded nanostructured lipid carriers gel for topical treatment of UV-induced skin aging. Experimental Gerontology, 2021, 153, 111499.	2.8	13
11	Traditional herbal medicine and nanomedicine: Converging disciplines to improve therapeutic efficacy and human health. Advanced Drug Delivery Reviews, 2021, 178, 113964.	13.7	71
12	Traditional Herbal Medicine Discovery for the Treatment and Prevention of Pulmonary Arterial Hypertension. Frontiers in Pharmacology, 2021, 12, 720873.	3.5	17
13	Nuclear Targeted Peptide Combined With Gambogic Acid for Synergistic Treatment of Breast Cancer. Frontiers in Chemistry, 2021, 9, 821426.	3.6	5
14	Development and evaluation of Panax notoginseng saponins contained in an in situ pH-triggered gelling system for sustained ocular posterior segment drug delivery. , 2021, 1, 107-121.		4
15	Physicochemical and Pharmacokinetic Evaluation of Spray-Dried Coformulation of Salvia miltiorrhiza Polyphenolic Acid and L-Leucine with Improved Bioavailability. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2020, 33, 73-82.	1.4	12
16	Percutaneous Microdialysis and Pharmacokinetic Study of Tongluo-Qutong Rubber Plaster in Rats by UPLC-MS/MS. Natural Product Communications, 2020, 15, 1934578X2095782.	0.5	0
17	Hydroxypropyl methylcellulose hydrogel of berberine chloride-loaded escinosomes: Dermal absorption and biocompatibility. International Journal of Biological Macromolecules, 2020, 164, 232-241.	7.5	32
18	Dual drug-loaded nano-platform for targeted cancer therapy: toward clinical therapeutic efficacy of multifunctionality. Journal of Nanobiotechnology, 2020, 18, 123.	9.1	21

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19	History of uses, phytochemistry, pharmacological activities, quality control and toxicity of the root of Stephania tetrandra S. Moore: A review. Journal of Ethnopharmacology, 2020, 260, 112995.	4.1	21
20	Nano-Strategies for Improving the Bioavailability of Inhaled Pharmaceutical Formulations. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1258-1271.	2.4	9
21	A nano-cocrystal strategy to improve the dissolution rate and oral bioavailability of baicalein. Asian Journal of Pharmaceutical Sciences, 2019, 14, 154-164.	9.1	51
22	Research progress of in-situ gelling ophthalmic drug delivery system. Asian Journal of Pharmaceutical Sciences, 2019, 14, 1-15.	9.1	170
23	Study of penetration mechanism of labrasol on rabbit cornea by Ussing chamber, RT-PCR assay, Western blot and immunohistochemistry. Asian Journal of Pharmaceutical Sciences, 2019, 14, 329-339.	9.1	11
24	Brain targeting of Baicalin and Salvianolic acid B combination by OX26 functionalized nanostructured lipid carriers. International Journal of Pharmaceutics, 2019, 571, 118754.	5.2	25
25	Dimeric c(RGD) peptide conjugated nanostructured lipid carriers for efficient delivery of Gambogic acid to breast cancer . International Journal of Nanomedicine, 2019, Volume 14, 6179-6195.	6.7	33
26	Preparation, optimization and cellular uptake study of tanshinone I nanoemulsion modified with lactoferrin for brain drug delivery. Pharmaceutical Development and Technology, 2019, 24, 982-991.	2.4	18
27	Traditional Chinese medicine combined with hepatic targeted drug delivery systems: A new strategy for the treatment of liver diseases. Biomedicine and Pharmacotherapy, 2019, 117, 109128.	5.6	44
28	Quantification of Nineteen Bioactive Components in the Ancient Classical Chinese Medicine Formula of Wen-Dan Decoction and Its Commercial Preparations by UHPLC-QQQ-MS/MS. Molecules, 2019, 24, 2031.	3.8	5
29	Pharmacokinetics of salvianolic acid B, rosmarinic acid and Danshensu in rat after pulmonary administration of Salvia miltiorrhiza polyphenolic acid solution. Biomedical Chromatography, 2019, 33, e4561.	1.7	24
30	Traditional Chinese medicine-combination therapies utilizing nanotechnology-based targeted delivery systems: a new strategy for antitumor treatment . International Journal of Nanomedicine, 2019, Volume 14, 2029-2053.	6.7	58
31	Toxicity of Carbon Nanotubes as Anti-Tumor Drug Carriers . International Journal of Nanomedicine, 2019, Volume 14, 10179-10194.	6.7	57
32	Editorial: Novel Targets and the Application of Targeting Techniques in the Treatment of Cerebrovascular Disease. Frontiers in Pharmacology, 2019, 10, 1359.	3.5	0
33	Cell penetrating peptides functionalized gambogic acid-nanostructured lipid carrier for cancer treatment. Drug Delivery, 2018, 25, 757-765.	5.7	35
34	Increasing efficacy and reducing systemic absorption of brimonidine tartrate ophthalmic gels in rabbits. Pharmaceutical Development and Technology, 2018, 23, 231-239.	2.4	19
35	A strategy to improve the oral availability of baicalein: The baicalein-theophylline cocrystal. FÃ¬toterapÃ¬Ã¢, 2018, 129, 85-93.	2.2	30
36	The anti-cataract molecular mechanism study in selenium cataract rats for baicalin ophthalmic nanoparticles. Drug Design, Development and Therapy, 2018, Volume 12, 1399-1411.	4.3	11

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37	Tumor-targeting delivery of herb-based drugs with cell-penetrating/tumor-targeting peptide-modified nanocarriers. International Journal of Nanomedicine, 2018, Volume 13, 1425-1442.	6.7	54
38	Pharmacokinetic and ocular microdialysis study of oral ginkgo biloba extract in rabbits by UPLC-MS/MS determination. Journal of Pharmacy and Pharmacology, 2017, 69, 1540-1551.	2.4	8
39	Salvianolic acid B protects against myocardial damage caused by nanocarrier TiO₂; and synergistic anti-breast carcinoma effect with curcumin via codelivery system of folic acid-targeted and polyethylene glycol-modified TiO₂ nanoparticles. International Journal of Nanomedicine, 2016, Volume 11, 5709-5727.	6.7	27
40	Potential advantages of a novel chitosan-N-acetylcysteine surface modified nanostructured lipid carrier on the performance of ophthalmic delivery of curcumin. Scientific Reports, 2016, 6, 28796.	3.3	60
41	Compatible stability study of panax notoginseng saponin injection (xueshuantongÂ®) in combination with 47 different injectables. Biomedical Chromatography, 2016, 30, 1599-1610.	1.7	13
42	Preparation Procedure and Pharmacokinetic Study of Water-in-Oil Nanoemulsion of Panax Notoginseng Saponins for Improving the Oral Bioavailability. Current Drug Delivery, 2016, 13, 600-610.	1.6	14
43	Ursolic Acid Nanocrystals for Dissolution Rate and Bioavailability Enhancement: Influence of Different Particle Size. Current Drug Delivery, 2016, 13, 1358-1366.	1.6	17
44	Evaluation of a Non-aqueous Ibuprofen-Phospholipid Complex Formulation in Rats. In Vivo, 2016, 30, 479-83.	1.3	2
45	Tanshinone I selectively suppresses pro-inflammatory genes expression in activated microglia and prevents nigrostriatal dopaminergic neurodegeneration in a mouse model of Parkinson×³s disease. Journal of Ethnopharmacology, 2015, 164, 247-255.	4.1	92
46	Effect of Baicalin-loaded PEGylated cationic solid lipid nanoparticles modified by OX26 antibody on regulating the levels of baicalin and amino acids during cerebral ischemiaâ€“reperfusion in rats. International Journal of Pharmaceutics, 2015, 489, 131-138.	5.2	47
47	Preparation and evaluation of Baicalin-loaded cationic solid lipid nanoparticles conjugated with OX26 for improved delivery across the BBB. Drug Development and Industrial Pharmacy, 2015, 41, 353-361.	2.0	61
48	Nanotoxicity: The Toxicity Research Progress of Metal and Metal- Containing Nanoparticles. Mini-Reviews in Medicinal Chemistry, 2015, 15, 529-542.	2.4	40
49	Tissue distribution study of salvianolic acid B long-circulating liposomes in mice by UPLC-MS/MS determination. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 213-20.	0.2	3
50	Mixed Polyethylene Glycol-Modified Breviscapine-Loaded Solid Lipid Nanoparticles for Improved Brain Bioavailability: Preparation, Characterization, and In Vivo Cerebral Microdialysis Evaluation in Adult Sprague Dawley Rats. AAPS PharmSciTech, 2014, 15, 483-496.	3.3	32
51	Preparation and evaluation of charged solid lipid nanoparticles of tetrandrine for ocular drug delivery system: pharmacokinetics, cytotoxicity and cellular uptake studies. Drug Development and Industrial Pharmacy, 2014, 40, 980-987.	2.0	48
52	Comparison of systemic absorption between ofloxacin ophthalmic in situ gels and ofloxacin conventional ophthalmic solutions administration to rabbit eyes by HPLCâ€“MS/MS. International Journal of Pharmaceutics, 2013, 450, 104-113.	5.2	19
53	Nanostructured lipid carriers as novel ophthalmic delivery system for mangiferin: Improving in vivo ocular bioavailability. Journal of Pharmaceutical Sciences, 2012, 101, 3833-3844.	3.3	80
54	Preparation and evaluation of solid lipid nanoparticles of baicalin for ocular drug delivery system in vitro and in vivo. Drug Development and Industrial Pharmacy, 2011, 37, 475-481.	2.0	80

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55	Gelucire44/14 as a novel absorption enhancer for drugs with different hydrophilicities: In vitro and in vivo improvement on transcorneal permeation. Journal of Pharmaceutical Sciences, 2011, 100, 3186-3195.	3.3	51
56	Design and evaluation of baicalin-containing in situ pH-triggered gelling system for sustained ophthalmic drug delivery. International Journal of Pharmaceutics, 2011, 410, 31-40.	5.2	78
57	Effects of Transcutol P on the corneal permeability of drugs and evaluation of its ocular irritation of rabbit eyes. Journal of Pharmacy and Pharmacology, 2010, 58, 45-50.	2.4	53
58	Effects of Labrasol on the corneal drug delivery of baicalin. Drug Delivery, 2009, 16, 399-404.	5.7	25
59	Evaluation of Pharmasolve^{Â®}corneal permeability enhancement and its irritation on rabbit eyes. Drug Delivery, 2009, 16, 224-229.	5.7	15
60	Study on the Ocular Pharmacokinetics of Ion-Activated In Situ Gelling Ophthalmic Delivery System for Gatifloxacin by Microdialysis. Drug Development and Industrial Pharmacy, 2007, 33, 1327-1331.	2.0	25
61	Study of an alginate/HPMC-based in situ gelling ophthalmic delivery system for gatifloxacin. International Journal of Pharmaceutics, 2006, 315, 12-17.	5.2	213
62	In vitro skin retention and drug permeation study of Tongluo-Qutong rubber plaster by UPLC/UV/MS/MS. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	0